

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"6014622".pn. and nois\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 12:56
L2	1	"6014622".pn. and low\$4pass\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 12:56
L3	54	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop\$4)	US-PGPUB; USPAT	OR	OFF	2007/06/12 12:58
L5	53	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop\$4) and (speech\$4 voic\$4)	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:00
L6	35	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop\$4) and (speech\$4 voic\$4) and pitch\$4 with correlat\$6	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:01
L7	35	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop\$4) and (speech\$4 voic\$4) and pitch\$4 with correlat\$6 and excit\$7	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:01
L8	33	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop\$4) and (speech\$4 voic\$4) and pitch\$4 with correlat\$6 and excit\$7 and energ\$6	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:02
L9	33	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop\$4) and (speech\$4 voic\$4) and pitch\$4 with correlat\$6 and excit\$7 and energ\$6 and synthe\$8	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:42
L10	1	"5809459".pn.	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:42
L11	1	"5809459".pn. and nois\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:45

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L12	72	decompos\$6 with nois\$4 with speech\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:55
L13	79	decompos\$6 with nois\$4 with (speech\$4 voic\$5)	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:56
L14	1	decompos\$6 with nois\$4 with (speech\$4 voic\$5) same low\$4pass\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:57
L15	348	nois\$4 with (speech\$4 voic\$5) same low\$4pass\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:58
L16	299	(divid\$4 separat\$4 decompos\$8) and nois\$4 with (speech\$4 voic\$5) same low\$4pass\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:58
L17	3491983	(divid\$4 separat\$4 decompos\$8) with\ nois\$4 with (speech\$4 voic\$5) same low\$4pass\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:58
L18	13	(divid\$4 separat\$4 decompos\$8) with nois\$4 with (speech\$4 voic\$5) same low\$4pass\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 14:31
L19	0	"6940454".pn. and bandwidth\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 14:30
L20	13	(divid\$4 separat\$4 decompos\$8) with (non\$4voic\$4 nois\$4) with (speech\$4 voic\$5) same low\$4pass\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 14:32
L21	13	(divid\$4 separat\$4 decompos\$8) with (non\$4voic\$4 nois\$4 non\$4speech\$4) with (speech\$4 voic\$5) same low\$4pass\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 14:34
L22	213	(divid\$4 separat\$4 decompos\$8) with (speech\$4 voic\$5) same low\$4pass\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 14:33
L23	25	(divid\$4 separat\$4 decompos\$8) with (speech\$4 voic\$5) same low\$4pass\$4 same nois\$6	US-PGPUB; USPAT	OR	OFF	2007/06/12 14:42
L24	22	(divid\$4 separat\$4 decompos\$8) with (non\$4voic\$4 nois\$4 non\$4speech\$4 un\$4voic\$4) with (speech\$4 voic\$5) same low\$4pass\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 14:34
L25	0	"5809549".pn. and CELP\$\$	US-PGPUB; USPAT	OR	OFF	2007/06/12 14:40
L26	0	"5809459".pn. and celp\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 14:40
L27	1	"5809459".pn. and linear\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 14:41
L28	1	"5809459".pn. and linear\$4 same exci\$7	US-PGPUB; USPAT	OR	OFF	2007/06/12 14:41

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L29	4	(divid\$4 separat\$4 decompos\$8) with (speech\$4 voic\$5) same low\$4pass\$4 same nois\$6 and celp\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:24
L30	1	(gender\$4 sex\$4) and CELP\$4 and lowpass\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:28
L31	60	(gender\$4 sex\$4) and CELP\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:28
L32	125	(gender\$4 sex\$4) and lowpass\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:28
L33	44	(gender\$4 sex\$4) and lowpass\$4 and (speech\$4 voic\$4 near5 process\$7)	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:29
L34	9	(gender\$4 sex\$4) same (speech\$4 voic\$4) and lowpass\$4 and (speech\$4 voic\$4 near5 process\$7)	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:29
L35	0	"20040138874".pn. and pitch\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:38
L36	1	"5809459".PN. AND PITCH\$5	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:40
L37	1	"5809459".PN. AND index\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:40
L38	1	"5809459".PN. AND index\$4 same (speech\$4 voic\$4)	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:45
L39	1	"5809459".PN. AND decod\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:46
L40	1646950	"5809459".PN. AND decod\$4 same transmit\$4 transfer\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:45
L41	0	"5809459".PN. AND decod\$4 same (transmit\$4 transfer\$4)	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:45
L42	1	"5809459".PN. AND synthe\$8	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:46
S1	208	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6))	US-PGPUB; USPAT	OR	OFF	2007/06/11 08:35
S2	60	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4)	US-PGPUB; USPAT	OR	OFF	2007/06/11 08:35

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S3	25	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6	US-PGPUB; USPAT	OR	OFF	2007/06/11 09:12
S4	1	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6 and (gender\$4 sex\$4)	US-PGPUB; USPAT	OR	OFF	2007/06/11 08:37
S5	25	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6 and excit\$7	US-PGPUB; USPAT	OR	OFF	2007/06/11 09:09
S6	25	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6 and excit\$7 and energ\$7	US-PGPUB; USPAT	OR	OFF	2007/06/11 08:37
S7	22	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6 and excit\$7 and energ\$7 and (voic\$4 near4 index\$4)	US-PGPUB; USPAT	OR	OFF	2007/06/11 08:38
S8	22	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6 and excit\$7 and energ\$7 and (voic\$4 near4 index\$4) and decod\$4	US-PGPUB; USPAT	OR	OFF	2007/06/11 08:38

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S9.	22	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6 and excit\$7 and energ\$7 and (voic\$4 near4 index\$4) and decod\$4 and synthe\$7	US-PGPUB; USPAT	OR	OFF	2007/06/11 08:38
S10	22	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6 and excit\$7 and energ\$7 and (voic\$4 near4 index\$4) and decod\$4 and synthe\$7 and cut\$4off\$4	US-PGPUB; USPAT	OR	OFF	2007/06/11 08:39
S11	22	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6 and excit\$7 and energ\$7 and (voic\$4 near4 index\$4) and decod\$4 and synthe\$7 and cut\$4off\$4 with frequen\$6	US-PGPUB; USPAT	OR	OFF	2007/06/11 08:39
S12	2	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6 and excit\$7 and energ\$7 and (voic\$4 near4 index\$4) and decod\$4 and synthe\$7 and cut\$4off\$4 with frequen\$6 and decompos\$9	US-PGPUB; USPAT	OR	OFF	2007/06/12 12:56
S13	22	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6 and excit\$7 and energ\$7 and (voic\$4 near4 index\$4) and decod\$4 and synthe\$7 and cut\$4off\$4 with frequen\$6 and (bit bits)	US-PGPUB; USPAT	OR	OFF	2007/06/11 09:07

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S14	3	S6 not S13	US-PGPUB; USPAT	OR	OFF	2007/06/11 09:07
S15	25	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6 and index\$4	US-PGPUB; USPAT	OR	OFF	2007/06/11 09:27
S16	1	"5884010".pn. and (speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6 and index\$4	US-PGPUB; USPAT	OR	OFF	2007/06/11 09:29
S17	1	"5884010".pn. and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6 and index\$4	US-PGPUB; USPAT	OR	OFF	2007/06/11 09:45
S18	0	"5884010".pn. and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop\$4)	US-PGPUB; USPAT	OR	OFF	2007/06/11 09:46
S19	54	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop\$4)	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:00
S20	23	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop\$4) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6 and index\$4	US-PGPUB; USPAT	OR	OFF	2007/06/11 09:47

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S21	32	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop\$4) and pitch\$4 near4 correlat\$6	US-PGPUB; USPAT	OR	OFF	2007/06/11 09:48
S22	32	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop\$4) and pitch\$4 near4 correlat\$6 and index\$4	US-PGPUB; USPAT	OR	OFF	2007/06/11 10:02
S23	1	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop\$4) and pitch\$4 near4 correlat\$6 and index\$4 and (gender\$4 sex\$4)	US-PGPUB; USPAT	OR	OFF	2007/06/11 09:53
S24	5	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop\$4) and pitch\$4 near4 correlat\$6 and index\$4 and decompos\$8	US-PGPUB; USPAT	OR	OFF	2007/06/11 10:04
S25	32	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop\$4) and pitch\$4 near4 correlat\$6 and index\$4	US-PGPUB; USPAT	OR	OFF	2007/06/11 10:30